

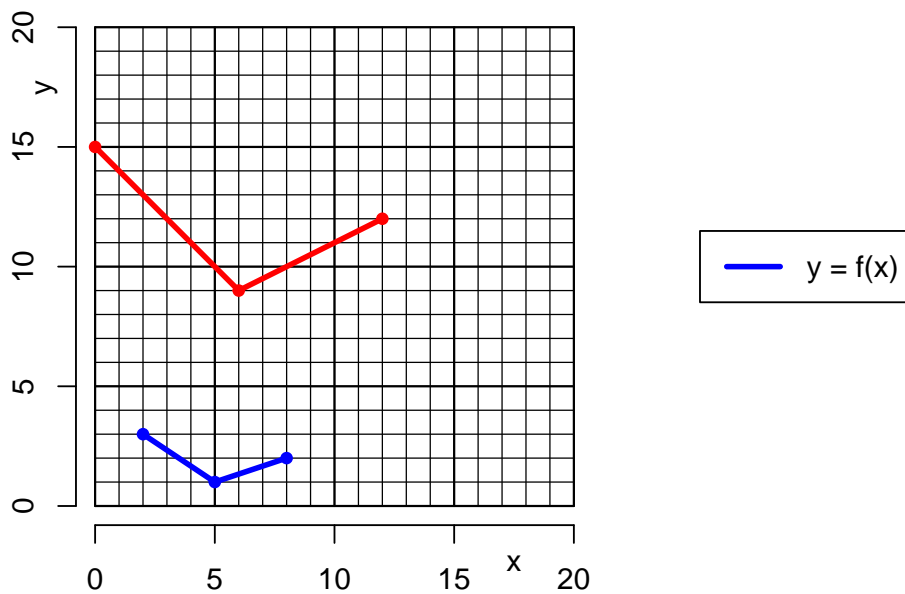
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 48)

### Question 1

Curve  $y = f(x)$  contains points  $(2, 3)$  and  $(5, 1)$  and  $(8, 2)$ , as shown on the  $x$ - $y$  plane below.

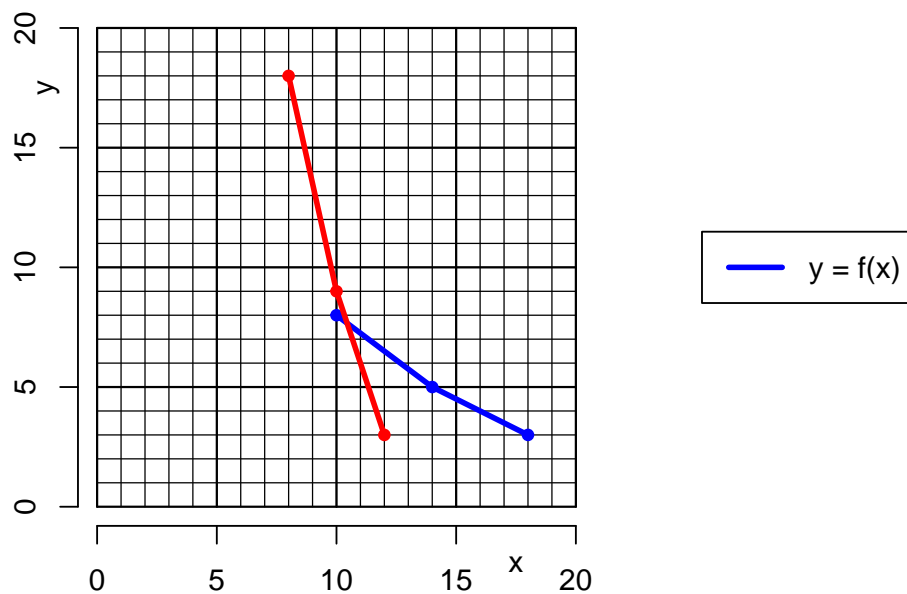


On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x+4}{2}\right] + 6$$

## Question 2

Curve  $y = f(x)$  contains points  $(10, 8)$  and  $(14, 5)$  and  $(18, 3)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3f[2(x - 3)] - 6$$